## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L19	0	(catheter and ((coil with embed\$3) with (wall with sold)))	US-PGPUB; USPAT	OR	OFF	2010/12/30 00:06
L20	40	(catheter and ((coil with embed\$3) with (wall with solid)))	US-PGPUB; USPAT	OR	OFF	2010/12/30 00:06
L21	0	(catheter and ((spring with embed\$3) with (wall with solid)))	US-PGPUB; USPAT	OR	OFF	2010/12/30 00:08
L22	327	(604/95.01).COLS.	US-PGPUB; USPAT	OR	OFF	2010/12/30 00:13
L23	22	("20030004493"   "5063018"   "5190520"   "5291255"   "5190520"   "5291255"   "5281203"   "5282472"   "5542937"   "59633466"   "5957899"   "5980484"   "6004310"   "6036670"   "6186978"   "6197014"   "6217565"   "6273880"   "6398776"   "6573565"   "6733487").FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/30 00:46
L24	4	(("6450948") or ("5378234") or ("4934340") or ("5695483")).PN.	USPAT; USOCR	OR	OFF	2010/12/30 00:54
S1	211	(604/95.01).COLS.	USPAT; USOCR	OR	OFF	2006/09/26 12:04
S2	3270	((604/95.04) or (604/264) or (604/523) or (604/164.13) or (604/165.02) or (604/525) or (604/528) or (604/95.04)).CCLS.	USPAT; USOCR	OR	OFF	2007/09/18 14:28
S3	52	S2 and steer\$3 and wire and stiff\$3 and member and anchor\$3 and handle	USPAT	OR	OFF	2006/09/26 12:05

S4	827	((604/95.04) or (604/264) or (604/523) or (604/164.13) or (604/165.02) or (604/525) or (604/95.01) or (604/95.02) or (604/100.01) or (604/100.01) col.	US-PGPUB	OR	OFF	2006/09/26 12:35
S5	3	S4 and wall and lumen and aperture and steering and wire and stiffening and member and anchoring and handle.clm.	US-PGPUB	OR	OFF	2006/09/26 12:36
S6	61	("3470876"   "4586923"   "4664113"   "4719924"   "4729396"   "4757827"   "4898577"   "4906230"   "4920980"   "4934340"   "4960411"   "5030204"   "5114403"   "5114414"   "5125896"   "5199950"   "5231989"   "5318525"   "5336182"   "5342299"   "5363861"   "538564"   "538782"   "5391146"   "538782"   "5391146"   "5395327"   "5409483"   "5419340"   "5419764"   "541168"   "5472017"   "5477856"   "5484407"   "5507725"   "5531886"   "553725"   "5531886"   "55676653"   "5702433"   "5865560"   "5867397"   "5876340"   "5876373"   "58853502"   "5897529"   "5876340"   "5876373"   "5885550"   "5876373"   "5893616"   "5916147"   "5936165"   "5916147"   "5936165"   "6083170"   "6416355"   "603374"   "6491681"   "664215"   "6491681"   "664215"   "6491681"   "664215"   "6491681"   "664215"   "6491681"   "664215"   "6491681"   "664215"	USPAT	OR	OFF	2006/09/28
S7	50	("5507725").URPN.	USPAT	OR	OFF	2006/09/28 17:13

68		"3524446"	US-PGPUB;	OR		2006/09/28
1	∷"3625200" I	"4456017"	USPAT:			17:45
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37				OR	OFF	2006/09/28
						17:46
			USOOR			
	1					
	3 1					
1	"5368564"	"5383923"				
		"5397321"				
		"5431168"				
-		"5456664"				
	1 1	"5507725"				
	"5656029"	"5656030"				
	"Re34502")	PN.				
	37	"4787399" "4934340" "5003989" "5114414" "5170787" "5279559" "5315966" "5318966" "5318966" "5383923" "5391147" "5441483" "5444407" "5567025" "5558666" "5571085" "5671085" "5674087" "564736" "568029" "5674197" "5715817" "5807354" "5807354" "6066125" PN.  37 ("3470876" "423391" "4753223" "4838599" "4960134" "510900" "510836864" "5397304" "510900" "423991" "4753223" "4838599" "4960134" "519000" "5108368645" "5325845" "5325845" "5325845" "5325845" "5325845" "53470170" "51108088" "531700" "423991" "4753223" "4838599" "4960134" "519000" "5108368645" "53868646" "5397304" "519000" "510836888888889888888988888888888888888888	"5003989"   "510368"   "510368"   "5114414"   "5135531"   "5279599"   "52713811"   "5279599"   "5273811"   "5279599"   "5300324"   "5318525"   "5322064"   "5318525"   "5322064"   "5327905"   "5322064"   "5327905"   "53230466"   "5383923"   "5383923"   "5383923"   "5389073"   "5391147"   "5437288"   "5441483"   "54492270"   "5557665"   "5565669"   "5565669"   "5567665"   "5567665"   "5567665"   "5664520"   "5665629"   "5664520"   "5665629"   "5676653"   "5718817"   "571576653"   "5718817"   "5755760"   "5807354"   "5803394"   "6045530"   "5666625"   "567181811"   "6002955"   "603394"   "6045530"   "6066125"   "6110164"). PN.  37	"4787399" "4930494"   "4934340" "4998923"   "5003989"   "5108368"   "5114414"   "5135531"   "5279559"   "5308324"   "5318525"   "5322064"   "5318525"   "5322064"   "537905"   "5330466"   "538479"   "5368564"   "5370678"   "5383852"   "5383923"   "5389073"   "5391147"   "5447228"   "5441483"   "5489270"   "55676675"   "5562619"   "5578665"   "5562619"   "5578665"   "5562619"   "5671953"   "5611777"   "5617755"   "55645200"   "5674978"   "5611777"   "5617854"   "5611777"   "5617854"   "5676653"   "5674197"   "5676653"   "5674197"   "5755760"   "5807354"   "5820591"   "580188"   "5916178"   "580394"   "6045530"   "6066125"   "6110164"   PN.    37 ("3470876"   "3605725"   US-POPUB; US-PAT; US-PA	"4787399" "4930494"   "4934340" "4998923"   "503989" "5108368"   "5114414" "5135531"   "5170787" "5271381"   "5279559" "5308324"   "5315996" "5318041"   "5318525" "5322064"   "5327905" "5330466"   "5358479" "5368564"   "5370678" "5383852"   "5383923" "538973"   "5391147" "5437288"   "5441483" "5480382"   "5444407" "5489270"   "5507725" "5545200"   "55676665" "5562619"   "5571085" "5597378"   "5617854"   "561777" "5617756"   "5674177" "561756763"   "5674177" "567653"   "5715817" "5755760"   "5807354" "5802591"   "5868660" "586229"   "586860" "586229"   "586860" "4191196"   "488859"   "488229"   "488859"   "4882392"   "488859"   "4886500"   "4882329"   "5891088"   "591178"   "5531811"   "6002955"   "40470876"   "4055300"   "4191196"   "423391"   "4886561"   "4886590"   "4886590"   "50139394"   "6045530"   "4056500"   "4191196"   "423391"   "4886591"   "4886591"   "5019090"   "5037391"   "5108368"   "5397304"   "5397304"   "5397304"   "5341188"   "5441483"   "5442188"   "5441483"   "5443168"   "5441483"   "54546664"   "5492119"   "5507725"   "5688964"   "5686000"   "5681280"   "5684986"   "5684986"   "5685000"   "5681280"   "5684986"   "5684986"   "5685000"   "5684986"   "5684986"   "5686000"   "56881280"   "5684986"   "5684986"   "5684986"   "5684986"   "5684986"   "5684986"   "5684986"	"4787399" "4930494"   "4934340"   "4938923"   "5003989"   "5108368"   "5114414"   "5135531"   "5170787"   "5271381"   "5279559"   "5308324"   "5315996"   "5318041"   "5315996"   "5318041"   "5315996"   "5330466"   "5358479"   "5368564"   "5327905"   "5368564"   "5359479"   "5368564"   "5370678"   "5383852"   "5383923"   "5389373"   "5391147"   "5437288"   "5441483"   "5480382"   "5441483"   "5480382"   "556745705"   "55675200"   "556766667   "5567657378"   "55715817"   "5755760"   "5577587"   "56645520"   "56674197"   "567653"   "5674197"   "567653"   "5674197"   "5676653"   "5863894"   "5823299"   "5891088"   "5916178"   "5893384"   "60045530"   "6066125"   "6110164"). PN.  37 ("3470876"   "3605725"   US-PGPUB; OR OFF   "4838859"   "4826087"   "4838859"   "4191196"   USPAT;   USPAT;   "4539391"   "4685457"   "45386564"   "5383923"   "5103388   "5318525"   "5103388   "5318525"   "5368664"   "5383923"   "5441483"   "5436664"   "5441483"   "5436664"   "5441483"   "5436664"   "5441483"   "54566641   "5441483"   "54566641   "5441483"   "54566641   "5441483"   "54566641   "5441483"   "54566641   "5441197"   "5566030"   "5681280"   "5884986"

S10	63	("5441483").URPN.	USPAT	OR	OFF	2006/09/28 18:14
S11	1	("4934340").PN.	USPAT; USOCR	OR	OFF	2006/09/29 15:09
S12	1	("4934340").PN.	USPAT; USOCR	OR	OFF	2006/09/30 13:35
S13	21	("3043309"   "305725"   "3674014"   "3729008"   "3773034"   "389097"   "4033331"   "4146019"   "4176662"   "4456017"   "4543090"   "4586923"   "4601283"   "4601705"   "4742817"   "4753222"   "4799474") .PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2006/09/30 13:35
S14	128	("4586923").URPN.	USPAT	OR	OFF	2006/09/30 13:41
S15	62	("3470876"   "4886922"   "4664113"   "4719924"   "4729396"   "4757827"   "4988577"   "4906230"   "49808577"   "4906230"   "4960411"   "5030204"   "5114403"   "5113414"   "512596"   "5318525"   "5336182"   "5318525"   "5336182"   "5368564"   "5381782"   "5391146"   "5395327"   "5409483"   "5419340"   "5419764"   "5477856"   "5447017"   "5477856"   "549407"   "5511867"   "5636634"   "5702433"   "586634"   "5702433"   "5825591"   "5873937"   "5882333"   "5897529"   "5908405"   "5875373"   "5882333"   "5897529"   "5908405"   "581647"   "5935102"   "5938616"   "6030360"   "6876373"   "6146355"   "6638730"   "6146355"   "6614215") P.N.	US-PGPUB; USPAT; USOOR	OR	OFF	2006/09/30

\$16	37	("3470876"   "3605725"   "3625200"   "4191196"   "4233911"   "4685457"   "4753223"   "4826087"   "4753223"   "4826087"   "4753223"   "4826087"   "5108368"   "539816"   "5108368"   "5334145"   "5325845"   "5334145"   "5325845"   "5334145"   "53495374"   "538923"   "5347374"   "538923"   "5441483"   "546664"   "542119"   "5507725"   "5588964"   "5626136"   "5686029"   "5686030"   "5681280"   "56848986"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/30
S17	50	("5507725").URPN.	USPAT	OR	OFF	2006/09/30 14:39
S18	12	("5855560").URPN.	USPAT	OR	OFF	2006/09/30 15:05
S19	21	("3043309"   "3605725"   "3674014"   "3729008"   "3773034"   "4890977"   "4033331"   "4146019"   "4176662"   "4456017"   "4543090"   "456923"   "4601283"   "4601705"   "4742817"   "4753222"   "4799474").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2006/09/30 15:44
S20	76	("4934340").URPN.	USPAT	OR	OFF	2006/09/30 15:45
S21	76	("4934340").URPN.	USPAT	OR	OFF	2006/09/30 15:46
S22	1	("6066125").PN.	USPAT; USOCR	OR	OFF	2006/09/30 15:46
S23	2	(("4934340") or ("6540778")).PN.	USPAT; USOCR	OR	OFF	2007/04/13 18:09

S24	133	("3043309"   "3605725"	US-PGPUB;	OR	OFF	2007/04/13
		"3657744"   "3674014"	USPAT;			18:10
		"3729008"   "3773034"	USOCR			
		"3890977"   "4033331"				
		"4140126"   "4146019"		Ī		
		"4176662"   "4214587"				
		"4456017"   "4543090"				
		"4560374"   "4562596"				
	1	"4577631"   "4586923"				
		"4601283"   "4601705"				
		"4723938"   "4742817"				
		"4753223"   "4758222"				
		"4787899"   "4790624"				
		"4799474"   "4830003"				
		"4848343"   "4875480"				
		"4909258"   "5078726"				
		"5104399"   "5108416"				
		"5129883"   "5158540"				
		"5167623"   "5192297"				
		"5201757"   "5219355"				
		"5221255"   "5275622"				
		"5344402"   "5456667"				
		"5464394"   "5489295").				
		PN. OR ("4934340"				
		"6540778").URPN.		******		
S25	1	("20060079925").PN.	US-PGPUB;	OR	OFF	2007/04/14
		1	USPAT;			13:36
			USOCR	******		
S26	2	(("20060079925") or	US-PGPUB:	OR	OFF	2007/04/14
CLU	-	("6905489")).PN.	USPAT:	011	011	15:32
		( 0000100 //.114.	USOCR			10.02
			;	·		
S27	1	("6309382").PN.	US-PGPUB;	OR	OFF	2007/04/14
			USPAT;			15:32
<u> </u>			USOCR			
S28	39	catheter with (prevent\$3	USPAT	OR	ON	2007/09/18
		with tear\$3)				14:59
S29	1	("6544215").PN.	USPAT;	OR	OFF	2007/09/18
020	ľ	( 00 / 12 / 0 / 1 / 11	USOCR			14:39
C20	415	anthotor and (prove-the	. ; ;	OD		2007/00/19
S30	415	catheter and (prevent\$3	USPAT	OR	ON	2007/09/18
		with tear\$3)				14:59
S31	376	S30 not S28	USPAT	OR	ON	2007/09/18
		1				14:59

\$32	62	("3470876"   "4586923"   "4664113"   "4719924"   "4723936"   "4757827"   "4898577"   "4906230"   "4920980"   "4934340"   "5114403"   "5114414"   "5125896"   "5199950"   "5231989"   "5318525"   "5336182"   "5342299"   "5363861"   "5342299"   "5363861"   "5342299"   "5363861"   "5391146"   "5395527"   "5409483"   "541168"   "5472017"   "5477856"   "5472017"   "5477856"   "55036864"   "5531687"   "5636864"   "5531687"   "5636864"   "5536866"   "585660"   "55676653"   "5890642"   "5702433"   "5820591"   "5843020"   "5855560"   "5867397"   "5876340"   "5876373"   "588233"   "5887639"   "5980615"   "5916147"   "5935102"   "5938616"   "60631360"   "6069739"   "6066125"   "6083170"   "6164355"   "6213974"   "6491881"   "6544215") .PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/18
S33	4	S32 and tear\$3	US-PGPUB; USPAT; USOOR	OR	OFF	2007/09/18 15:39
S34	12	("3612058"   "4763647"   "4920980"   "5001825"   "5106381"   "5231989"   "5238005"   "5255668"   "5336182"   "5363861"   "5431168"   "5497784"). PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2007/09/18
\$35	29	("249692"   "3470876"   "3500820"   "3521620"   "3528406"   "3605725"   "36285200"   "3773034"   "4586923"   "4641649"   "4643720"   "4719924"   "4430859"   "486067"   "4921482"   "4944727"   "4985022"   "5037391"   "5055101").PN.	US-PGPUB; USPAT; USOCR	OR .	OFF	2007/09/19

S36	43	("5336182").URPN.	USPAT	OR	OFF	2007/09/19 14:39
S37	9.	(("5336182") or ("4920980") or ("4934340") or ("5507725") or ("6540778") or ("6450948") or ("4790624") or ("6540778") or ("6540778") or ("6540778") or	USPAT; USOOR	OR	OFF	2008/04/10 18:38
S38	1	("6544215").PN.	USPAT; USOOR	OR	OFF	2008/04/10 18:38
S39	1	("5336182").PN.	USPAT; USOOR	OR	OFF	2008/04/10 21:57
\$40	42	("0944830"   "1928992"   "2453862"   "3060972"   "4189800"   "4353358"   "4580551"   "4686963"   "4904048"   "4934340"   "5255668"   "5257618"   "5275151"   "5697638"   "5275551"   "5305647"   "5438975"   "542807"   "5438975"   "5454787"   "5487757"   "5452119"   "5520222"   "5545200"   "5573010"   "5666011"   "5662606"   "5715817"   "5876373"   "5906590"   "5921915"   "5931811"   "5936102"   "6004263").   PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/10 22:48
S41	17	("0616672"   "0944830"   "3060972"   "3521620"   "4686963"   "5114402"   "5140975"   "5251538"   "5381782"   "544404"   "5476090"   "5512035"   "5520222").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/10 22:51
S42	10	("5140975").URPN.	USPAT	OR	OFF	2008/04/10 22:53
S43	9	("5656011").URPN.	USPAT	OR	OFF	2008/04/10 22:57
S44	34	("5176126").URPN.	USPAT	OR	OFF	2008/04/10 23:02

S45	3	(("5345945") or ("5827278") or ("20060184107")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/11 00:07
S46	2	(("20080188800") or ("20080188801")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/05 16:19
S47	3	(("5336182") or ("5255668") or ("6450948")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/05 16:24
S48	42	("0944830"   "1928992"   "2453862"   "3060972"   "4198960"   "4353358"   "4580551"   "4686963"   "4904048"   "4934340"   "5168864"   "5176126"   "5255668"   "5257618"   "5275151"   "5307803"   "5318041"   "5318526"   "525845"   "5335647"   "5409453"   "542807"   "5438975"   "5452119"   "5520222"   "5545200"   "5573010"   "5656011"   "5662666"   "5715817"   "58626373"   "5906590"   "5921915"   "5931811"   "5935102"   "6004263"   PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/11/06 16:16
S49	17	("0616672"   "0944830"   "3060972"   "3521620"   "4686963"   "5114402"   "5140975"   "5251538"   "5381782"   "5464404"   "5476090"   "5512035"   "5520222").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 16:20
S50	3	("4998527"   "5018506"   "5058568").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 16:23
S51	3	("4794912"   "4890602"   "4893613").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 16:23
S52	15	("5018506").URPN.	USPAT	OR	OFF	2008/11/06 16:24
S53	15	("5018506").URPN.	USPAT	OR	OFF	2008/11/06 17:06

S54	52	("1060665"   "3043309"	US-PGPUB;	OR	OFF	2008/11/06
		"3419010"   "3482742"   "3521620"   "3539034"   "3547103"   "3605725"   "3674014"   "3729008"   "3779034"   "386956"   "3899977"   "3943932"   "4020829"   "4033331"   "4146019"   "4176662"   "4182547"   "4307723"   "4351233"   "4427000"   "4456017"   "4543090"   "4582181"   "4586923"   "4601283"   "4601705"   "461283"   "460165906"   "4676249"   "4742817"   "4748986"   "4753223"   "4758222"   "4776844"   "4790624"   "4799474"   "4803164"   "4822345"   "4873983"   "4885557").	USPAT; USOCR			17:12
		PN.		. ,		
S55	94	("5114402").URPN.	USPAT	OR	OFF	2008/11/06 17:17
S56	22	("2498692"   "3044461"   "3162214"   "3266059"   "3470876"   "3669098" "4150676"   "4245624" "4329983"   "4353358" "4586923"   "4589410" "4643720"   "4898577" "5114402"   "5231989"   "5255668").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 17:26
S57	48	("5306245").URPN.	USPAT	OR	OFF	2008/11/06 17:27
S58	22	("4033357"   "4136703"   "4488561"   "4506680"   "4572605"   "467249"   "4722877"   "4815478"   "4922607"   "4940062"   "5040543"   "5115818"   "5125395"   "5170787"   "5282844"   "5306245"   "5372996"   "5378234"   "5473812"   "5662119"   "5728148"   "5728149"). FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 17:30
S59	80	("3060972").URPN.	USPAT	OR	OFF	2008/11/06 17:40

S60	11	("2748803"   "3060972"   "3583393"   "4108211"   "4580551"   "4686963"   "4834069"   "5005558"   "5106381").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 17:57
S61	34	("5176126").URPN.	USPAT	OR	OFF	2008/11/06 17:58
S62	66	("3521620"   "4886067"   "4921482"   "4979510"   "4989816"   "5037391"   "5106381"   "5108368"   "5125896"   "5176126"   "525896"   "5176126"   "52528441"   "5231989"   "52540885"   "5255668"   "5273635"   "5299559"   "5314418"   "5315996"   "5318255"   "538526"   "5322064"   "5325845"   "53292064"   "5325845"   "5329203"   "5334145"   "5336182"   "5358478"   "5368479"   "5368478"   "5395827"   "5381782"   "5395827"   "5381782"   "5395827"   "5381782"   "5395827"   "54916861"   "549676653"   "5545200"   "5497575"   "5676653"   "5674197"   "5676653"   "5687723"   "5755731"   "57557600"   "5755731"   "57857600"   "5755731"   "57857600"   "5762828"   "5797842"   "6043550"   "6043777"   "6045550"   "6043737"   "6045550"   "6043737"   "60463077"   "6142994"   "61463881"   "6163716"   "6208881") .PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06
S63	9	("5702373"   "5795341"   "5827242"   "5843168"   "5846246"   "5849034"   "5868782"   "5868783"   "5891108").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/11/06 18:00
S64	7	("6033394").URPN.	USPAT	OR	OFF	2008/11/06 18:01

<b>S</b> 65	35	("2498692"   "3470876"   "3500820"   "3521620" "3528066"   "3605725"   "3625200"   "3773034"   "4273111"   "4543090" "4582181"   "4588923"   "4641649"   "4643720"   "4719924"   "4723936"   "4740195"   "478221"   "482087"   "4838859"   "4886067"   "4934380"   "4934340"   "4934380"   "4944727"   "4984581"   "4985022"   "5037391"   "5055101").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/11/06 18:06
S66	50	("5395327").URPN.	USPAT	OR	OFF	2008/11/06 18:08
S67	28	("3920021"   "4548207"   "4674499"   "4784161"   "4848352"   "4960134"   "5125928"   "5277696"   "538683"   "5456664"   "5531886"   "5582609"   "5718701"   "5782760"   "5810802"   "5836875"   "5891088"   "5967976"   "6001095"   "6033378"   "6064905"   "6134463"   "6379350"   "6405067"   "6477396"   "6922579")   PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 18:09
S68	62	("3470876"   "4586923"   "4664113"   "4719924"   "4729396"   "4757827"   "4898577"   "4906230"   "4920980"   "4934340"   "49604111"   "5030204"   "5114403"   "5114414"   "5125896"   "5348259"   "536182"   "5342299"   "536386182"   "5342299"   "5363782"   "5391146"   "5395527"   "5409483"   "5419340"   "541764"   "5417340"   "541764"   "54177856"   "5484407"   "5507725"   "55036663"   "551687"   "5603697"   "5617637"   "5603697"   "5617637"   "569642"	US-PGPUB; USPAT; USOCR	OA .	OFF	2008/11/06 18:13

		"5843020"   "5855560"   "5855560"   "5876373"   "5876333"   "5882333"   "5897529"   "5908405"   "593616"   "6039739"   "6066125"   "6083170"   "6146355"   "6213974"   "6491681"   "6544215").PN.		***************************************		
S69	18	("2688329"   "4033331"   "4150676"   "4456017"   "4586923"   "4823805"   "4906230"   "4920980"   "5030204"   "5041085"   "5168864"   "5199950"   "5331948"   "5364352"   "5386664"   "5391146"   "5399164").FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/06 18:18
S70	8	("3470876"   "3485234"   "4409993"   "4456017"   "4586932"   "4677990"). PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/11/06 18:19
S71	147	("4920980").URPN.	USPAT	OR	OFF	2008/11/06 18:20
S72	23	("1557958"   "3071942"   "3390546"   "344137"   "4273111"   "4456017"   "4465482"   "4580551"   "466173"   "469571"   "4664113"   "4911148"   "4920980"   "4940062"   "4960134"   "4969800"   "498923"   "5037391"). PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/11/06 18:26
S73	30	("5329923").URPN.	USPAT	OR	OFF	2008/11/06 18:29
S74	31	("5484407").URPN.	USPAT	OR	OFF	2008/11/06 18:32
S75	4	("6450948").URPN.	USPAT	OR	OFF	2008/11/07 14:27
S76	6	("4616631"   "4742817"   "5108368"   "5131407"   "5209735"   "5257618"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 14:35
S77	6	("3266059"   "4236509"   "4452236"   "4655257"   "4904048").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 14:47

\$80 98 (("5288257") or ("5601572") or ("5601572") or ("5601572") or ("20060292964") or ("20060292964") or ("5580082") or ("5580082") or ("4921482") or ("5580082") or ("5203772") or ("5203774") or ("525749") or ("525749") or ("5318041") or ("5318041") or ("5318041") or ("5318041") or ("5370617") or ("5372567") or ("5376617") or ("5376618") or ("5437636") or ("5498231") or ("5549580") or ("5580592") or ("5580592") or ("5580592") or ("5580592") or ("5860592") or ("6805950") or ("68059	13	3 ("525	57618").URPN.	USPAT	OR	OFF	2008/11/07 14:48
("5601572") or ("20060292964") or ("200601992964") or ("20060199029") or ("5800082") or ("4921482") or ("4934340") or ("5937391") or ("5203772") or ("5255749") or ("5277199") or ("5308324") or ("5318041") or ("5378567") or ("5378567") or ("5378567") or ("5378234") or ("5378234") or ("5415633") or ("5423311") or ("5423311") or ("5498231") or ("55498231") or ("55498231") or ("5589859") or ("5589859") or ("5860953") or ("5860953") or ("5868953") or ("5868953") or ("5868953") or ("5868953") or ("5868953") or ("5868953") or ("5869137") or ("5876399") or ("5876399") or ("5888192") or ("5888192") or ("5888192") or ("5888192") or ("5888192") or ("5916147") or ("6017322") or ("6017322") or ("6017322") or ("6030360") or	10	0 ("543	88975").URPN.	USPAT	OR	OFF	2008/11/07 14:53
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("6447444") or		i		
("6459921") or		i		
("6529760") or				
("6544215") or				
("6694983") or		į		
("6796945") or				
("6887229") or		i		
("6916306") or		i		
("6945970") or				
("6991616") or		i		
("7182764") or		i		
("7354430") or				
("20010007927") or				
("20010007327") or				
("20010034547") or		-		
("20010039445") or		i		
("20020100484") or				
("20020188189") or				
("20030114744") or				
("20030125710") or				
("20030135156") or		i		
("20040118415") or		i		
("20040186507") or				
("20050020901") or				
("20050119615") or		i		
("20050131343") or		i		
("20050165276") or		i		
("20050215992") or				
("20050283135") or		i		
("20060074383") or				
("20060184107") or		-		
("20060217755") or		i		
("20070161856") or		i		
("20080015625") or		i		
("20080058595") or				
("20080188800") or		-		
("20080188801") or				
("20080215067") or		i		
("4380692") or				
("4860746") or				
("5528845") or		i		
("5697934") or		i		
("5768957") or				
("6307161") or				
("6434283") or			-	
("20060241341") or				
("5365942") or				
("RE37148") or				
("RE37148") or			-	
("4582066") or				
("4756379")).PN.	1		-	

S81	9	("5203772"   "5318526"   "5381782"   "5396880"   "5437636"   "5454787"   "5454794"   "5456664"   "5676653").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/11/07 15:06
S82	1	("5364352").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 15:08
S83	19	("5676653").URPN.	USPAT	OR	OFF	2008/11/07 15:09
S84	24	("3608612"   "3620883"   "3769158"   "4210323"   "4732162"   "4392393"   "4935008"   "5007903"   "5209734"   "5230348"   "5273527"   "5349541"   "5395327"   "5395328"   "5413560"   "5437632"   "5460614"   "5531703"   "5676653"   "5826576"   "5897344"   "6035224"   "6083170"   "6169916"). PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/11/07 15:10
S85	0	("6770038").URPN.	USPAT	OR	OFF	2008/11/07 15:11
S86	19	("5190050"   "5273535"   "5328467"   "5397321"   "5431168"   "554200"   "5555618"   "5571073"   "5582609"   "5643255"   "5666029"   "5668629"   "5686688"   "5772641"   "582278"   "5964757"   "6066125").PM.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 15:13
S87	3	("6287301").URPN.	USPAT	OR	OFF	2008/11/07 15:16
S88	17	("3162214"   "3946727"   "3948251"   "4290421"   "4580551"   "4686963"   "4806595"   "4805596"   "4819634"   "4899787"   "4998223"   "5002041"   "5058668"   "5106381"   "5195968"   "5235964"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 15:18
S89	26	("5381782").URPN.	USPAT	OR	OFF	2008/11/07 15:19
S90	16	("6030360").URPN.	USPAT	OR	OFF	2008/11/07 15:23

S91	100	(("4669478") or	US-PGPUB;	OR	OFF	2008/11/07
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		("4748982") or	USOCR			
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		("4909787") or				
		("5104377") or				
		("5360406") or				
		("5382238") or				
		("5391147") or				
		("5401244") or				
		("5449362") or				
		("5766203") or			i	
		("5944689") or				
		("6074351") or			i	
		("6078831") or				
		("6235026") or			l l	
		("6261246") or				
		("6459921") or			i i	
		("6529760") or				
		("6544215") or			i i	
		("6564429") or				
		("6634533") or			i i	
		("6821466") or				
		("6865841") or				
		("6929613") or			į	
		("6991616") or				
		("20010029337") or				
		("20020183671") or			i	
		("20030034372") or				
		("20030055422") or				
		("20030033422") or				
		("20030114744") or				
		("20030133130") or				
		("20040098900") or				
		("20040098900") or				
		("20050154254") or				
		("20050134234") or			i	
		("20060178720") or				
	1	("20070021771") or				
		("20070021771") or			i i	
		("20070255209") or		*****		
		("20080109005") or				
		("20080109005") or				
		("20080109022") or				
		("4917082") or			i i	
		("5237703") or			i i	
				-	É	
		("5267958") or ("5312360") or				
				•		
		("5364357") or				
		("5389073") or				
		("5423771") or			i i	
		("5533967") or				
		("5571168") or		•		
	1	("5588964") or		1		1

393	5	("6508802").URPN.	USPAT	OR	OFF	2008/11/07 16:02
392	0	("2007/0021771").URPN.	USPAT	OR	OFF	2008/11/07 15:52
	***************************************	("20040162460") or ("20040215193") or ("20040215305") or ("20040236390") or ("20050004627") or ("20050021052") or ("20050021119")).FN.	***************************************			
		("20040097865") or ("20040122501") or			***	
		("20040078057") or ("20040092973") or		*******		
		("20040039372") or		****		
		("20030233115") or		******		
		("20030144576") or ("20030191491") or		******		
		("20030065373") or		*****		
		("20030023200") or		*******		
		("20020128596") or ("20020198526") or		***************************************		
		("20020082600") or		****		
		("20020055746") or		***************************************	***	
		("20020007530") or		****		
		("7272449") or ("7343206") or		***************************************		
		("7094246") or		*******		
		("7052453") or		*******		
		("6964667") or				
		("6800065") or ("6805662") or		****		
		("6743196") or				
		("6712807") or		****		
		("6656174") or				
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		("6446988") or				
		("6325813") or				
		("6206834") or				
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S94	130		"2402306"	US-PGPUB;	OR	OFF	2008/11/07
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		"3467096"	"3487837"				
		"3530492"					
		"3595231"	"3765420"				
		"3783876"					
	1	"3826241"	"3831584"				
		"3920001"	"3951132"				
		"3991767"	"4150669"				
		"4167179"	"4168708"				
		"4222380"	"4230119"				
		"4243035"	"4245624"				
		"4280508"	"4299230"				
		"4356826"	"4419094"				
		"4578061"	"4645495"				
		"4674506"					
		"4753236"	"4760847"				
		"4787891"	"4798193"				
		"4838851"	"4861336"				
		"4877037"	"4919653"				
		"4932421"	"4940458" i				
		"4946442"	"4946463" i				
		"4966589"	"4976688"				
	•	"4994041"	"5036868"				
		"5037428"	"5080104"				
		"5098412"	"5121750"				
		"5146913"	"5147307"				
		"5192270"	"5192289"				
		"5195526"	"5254088"				
		"5259377"	"5261889"				
		"5269754"	"5273525"				
		"5290258"	"5312351"				
		"5322510"	"5323789"				
		"5335670"	"5336182"				
		"5354279"	"5364374"				
		"5376084"	"5380292"				
	•	"5395327"	"5417662"				
		"5417683"	"5425739"				
		"5441499"	"5464395"				
		"5478315"	"5478330"				
		"5520650"	"5522815"				
		"5531686"	"5536251"				
	1	"5569217"	"5569237" i				
		"5611778"	"5673704" i				
		"5674197"	"5713890"				
		"5810757"	"5820591"				
		"5820592"					
		"5845646"	"5846225"				
		"5868764"					
		"5997509"					
		"6033378"					

		"6126633"   "6171277"   "6179809"   "6183463"   "6203525"   "6277107"   "6332880"   "6346099"). PN.		***************************************	***************************************	
S95	35	("2498692"   "3470876"   "350820"   "3521620"   "3528406"   "3605725"   "3665200"   "3773034"   "4273111"   "4543090"   "4582181"   "4586923"   "4641649"   "4643720"   "4719924"   "4758221"   "4719924"   "4758221"   "4826087"   "4838859   "4844727"   "4934380"   "4944727"   "494581"   "4985022"   "5037391"   "5055101").FN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/11/07
S96	38	("5531686").URPN.	USPAT	OR	OFF	2008/11/07 16:11
S97	2	("5531686"   "5820591"). PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/11/07 16:17
S98	1	("6702780").URPN.	USPAT	OR	OFF	2008/11/07 16:18
S99	10	("4773395"   "4834069"   "4928669"   "5007908"   "5192280"   "5220911"   "5314466"   "5330470"   "5342357"   "5360428"). PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/11/07 16:42
S100	215	("5441499").URPN.	USPAT	OR	OFF	2008/11/07 16:49
S101	386	(604/95.04).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 17:14
S102	67	["3890977"   "4350148"   "4475905"   "4586923"   "4458817"   "4669465"   "4702260"   "4766906"   "4784133"   "484062"   "4846171"   "4911148"   "4920980"   "4960134"   "4976710"   "5030204"   "5104393"   "5114402"   "5126896"   "5178168"   "5190050"   "5255679"   "5261889"   "5279596"   "5307803"   "5358479"	US-PGPUB; USPAT; USOOR	OR	OFF	2008/11/08 11:46

		"5384352"   "5378234"   "538936"   "5397304"   "538996"   "5397304"   "5409453"   "5431168"   "5464394"   "5465717"   "5468233"   "5489270"   "5498238"   "5514128"   "5531685"   "5533967"   "5554114"   "5569220"   "55671073"   "5571073"   "5571073"   "5571073"   "5571073"   "55782824"   "5741320"   "5782824"   "5741320"   "5782824"   "57827278"   "5938653"   "5897529"   "5938653"   "5944500"   "5946757"   "5944500"   "5946757"   "5944500"   "5999678"   "6030371"   "6165188"   "F824520", PN.				
S103	10	("6554794").URPN.	USPAT	OR	OFF	2008/11/08 12:14
S104	8	("3625200"   "3854473"   "4757827"   "4830023"   "4886067"   "4940062"   "4998916"   "5060660"). PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2008/11/08 12:31
S105	72	("5190050").URPN.	USPAT	OR	OFF	2008/11/08 12:31
S106	5	(("5507725") or ("6554794") or ("5336182") or ("5255668") or ("6450948")).PN.	USPAT; USOOR	OR	OFF	2008/11/08 14:13
S107	4	(("5255668") or ("6554794") or ("6450948") or ("5507725")).PN.	USPAT; USOCR	OR	OFF	2009/07/16 19:47
S108	4	("4686963"   "5002041"   "5106381"   "5176126"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/16 20:04
S109	30	("4686963").URPN.	USPAT	OR	OFF	2009/07/16 20:37
S110	3	("4236509"   "4580551"   "4659195").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/16 20:50
S111	14	("5106381").URPN.	USPAT	OR	OFF	2009/07/16 20:50

S112	12	("3612058"   "4763647"   "4920980"   "5001825"   "5106381"   "5231989"   "5238005"   "5255668"   "5336182"   "5363861"   "5431168"   "5497784"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/16 20:52
S113	16	("5855560").URPN.	USPAT	OR	OFF	2009/07/16 20:55
S114	31	("3625200"   "3854473"   "4169464"   "4474174"   "4757827"   "479946"   "4830023"   "4886067"   "4940062"   "4955382"   "4979510"   "4998916"   "5030204"   "5060660"   "5114402"   "5190050"   "5254088"   "5257451"   "5269757"   "5273535"   "5275162"   "5281212"   "5281217"   "528869"   "5308910"   "5313943"   "5314466"   "5318525"   "5358479"   "5368664"   "5472017").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/17
S115	6	("4169464"   "4474174"   "5114402"   "5190050"   "5254088"   "5269757"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/17 13:54
S116	52	("1060665"   "3043309"   "3419010"   "3482742"   "3521620"   "3539034"   "3547103"   "3606725"   "3674014"   "3729008"   "3773034"   "3868956"   "3890977"   "3943932"   "4020829"   "4033331"   "4146019"   "4176662"   "4182547"   "4307723"   "4456017"   "4543090"   "4452181"   "4568923"   "4601283"   "4601705"   "46183194"   "4665906"   "4643194"   "4794217"   "4748986"   "4753223"   "4758222"   "4779844"   "4790624"   "4799474"   "4808164"   "4822345"   "4873983"   "4884557"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/17

S117	5	("3890977"   "4205293"   "4531988"   "4601283"   "4620769").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/17 14:00
S118	56	("4790624").URPN.	USPAT	OR	OFF	2009/07/17 14:01
S119	25	("3890977"   "4516972"   "4586923"   "4658817"   "4669465"   "475827"   "4790624"   "4798598"   "4846171"   "5104393"   "5114402"   "5190500"   "5255679"   "5318528"   "5388479"   "5380316"   "5389096"   "539721"   "5465717"   "5549601"   "5571085"   "5730741"   "5876373"   "5964757"   "6126654").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/17 15:09
S120	4	("6530913").URPN.	USPAT	OR	OFF	2009/07/17 15:13
S121	17	("3799151"   "4236509" "4753223"   "4758222" "4776844" "4790624" "4890602"   "4930494" "4967732"   "4976191" "5125143"   "5140975" "5179934"   "5325845" "545295"   "5482029" "5531664").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/17 15:18
S122	24	("3043309"   "3162214"   "3605725"   "3674014"   "3773034"   "389097"   "3938502"   "4037411"   "4142531"   "4146019"   "4176662"   "4327711"   "4329980"   "4411655"   "4503676"   "4503842"   "453990"   "4556050"   "450842"   "4643202"   P.M.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/17 15:50
S123	173	("4753223").URPN.	USPAT	OR	OFF	2009/07/17 15:54

S124	21	("4723936"   "4753223"   "4960134"   "4998916"   "5098431"   "519050"   "5263493"   "5295484"   "5313943"   "53858479"   "5385684"   "5389073"   "5395327"   "5397321"   "5409000"   "5487575"   "5531686"   "5545200"   "5563684") P.N.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/17 16:54
S125	114	("5782828").URPN.	USPAT	OR	OFF	2009/07/17 16:56
S126	8	("3071161"   "3253524"   "3572325"   "3605725"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/18 09:42
S127	52	("3799151").URPN.	USPAT	OR	OFF	2009/07/18 09:43
S128	10	("3270641"   "3557780"   "3799151"   "4790294"   "4873965"   "5005558"   "5105819"   "5220911"   "5271381").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/07/18 09:45
S129	17	("5873817").URPN.	USPAT	OR	OFF	2009/07/18 09:46
S130	18	("3270641"   "3485237"   "3605725"   "3665928"   "3799151"   "4066070" "4207872"   "4245624" "4280500"   "4389208" "4403985"   "447227"   "4563181"   "4586923"   "4643720").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/18 10:35
S131	62	("4906230").URPN.	USPAT	OR	OFF	2009/07/18 10:37
S132	35	("4586923"   "4748969"   "4898577"   "4906230"   "4920980"   "4960134"   "5114414"   "5190050"   "5242441"   "5318525"   "5318526"   "5327905"   "5334169"   "5354297"   "5368564"   "5431168"   "5462257"   "5472017"   "5487757"   "5489270"   "556425200"   "5562619"   "5571085"   "5624397"   "5642736"   "5662606"   "5702373"   "5807249"   "5820592"   "5823955"   "5882333"   "5891114"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/18

		"5897529"   "5951539"   "5971975").PN.				
S133	26	("3253524"   "3470876"   "3521620"   "4329980"   "4350147"   "435388"   "4425919"   "4576772"   "4580551"   "476355"   "4773395"   "4805596"   "4834069"   "4850351"   "4873965"   "4898577"   "4873965"   "5162866"   "5167221"   "5168864"   "5167660").FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/18 11:44
S134	19	("5318526").URPN.	USPAT	OR	OFF	2009/07/18 11:54
S135	295	(604/95.01).CCLS.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/07/18 13:12
S136	0	("2008/0188800").URPN.	USPAT	OR	OFF	2009/07/18 13:18
S137	65	("20060184107"   "3470876"   "4586923"   "4664113"   "4719924"   "4729396"   "4757827"   "490890"   "4934340"   "4920980"   "4934340"   "5114403"   "5114414"   "5125896"   "519950"   "5231989"   "531825"   "5336182"   "5342299"   "5345945"   "5347829"   "5345945"   "5347829"   "534946"   "534782"   "5391146"   "5395327"   "5409483"   "5419140"   "5419764"   "541168"   "5472017"   "5477856"   "5536564"   "551687"   "5536634"   "551687"   "5536534"   "5676553"   "5843020"   "585560"   "5876373"   "5882333"   "587637"   "5882333"   "587529"   "5908405"   "587637"   "5882333"   "5897529"   "5908405"   "5938616"   "6030360"   "6059739"   "6066125"   "6083170"   "616355"	US-PCPUB; USPAT	OR	OFF	209/07/18

		"6213974"   "6491681"   "6544215"   "6991616"). PN.				***************************************
S138	1	("6554794").PN.	USPAT; USOCR	OR	OFF	2009/07/18 14:27
S139	2	(("6450948") or ("5507725")).PN.	USPAT; USOOR	OR	OFF	2009/07/18 15:10
S140	1	("5472017").PN.	USPAT; USOOR	OR	OFF	2009/07/19 14:11
S141	4	(("5472017") or ("5255668") or ("6450948") or ("5507725")).PN.	USPAT; USOCR	OR	OFF	2009/07/19 14:28
S142	5	(("5472017") or ("5255668") or ("6450948") or ("5507725") or ("7090637")).PN.	USPAT; USOCR	OR	OFF	2009/07/19 14:30
S143	33	("20020156497"   "20020177750"   "20020177750"   "20030036748"   "20030056649"   "20030056844"   "200301489388"   "200301489338"   "20030229271"   "20040138700"   "3557780"   "4489826"   "4700693"   "5271381"   "5297443"   "5441494"   "5297443"   "5541494"   "5522788"   "5716352"   "5807376"   "5813813"   "5873817"   "5899425"   "5916146"   "5916147"   "5938678"   "6161543"   "6270453"   "6471696"   "6491626"   "6743239"   "6746443"   "6764445"   "6817972"   "RE38335")   PN.	US-PGPUB; USPAT; USOCR	OA	OFF	2009/07/19
S144	6	(("5472017") or ("5255668") or ("6450948") or ("5507725") or ("7090637") or ("5848986")).PN.	USPAT; USOCR	OR	OFF	2010/02/13 23:39
S145	5	(("5472017") or ("5255668") or ("6450948") or ("5507725") or ("5848986")).PN.	USPAT; USOCR	OR	OFF	2010/02/13 23:40

S146	2	("3288137").PN.	USPAT; USOOR	OR	OFF	2010/02/16 15:38
S147	19	(("3470876") or ("4586923") or ("4586923") or ("479924") or ("4719924") or ("4779924") or ("4779827") or ("4898577") or ("4998080") or ("4934340") or ("513440") or ("5114403") or ("5114414") or ("5125896") or ("5231989") or ("5318525")).FN.	USPAT; USOOR	OR	OFF	2010/02/27 17:25
S148	19	(("5336182") or ("5342299") or ("5345945") or ("5345945") or ("5368564") or ("5368564") or ("5381782") or ("5391146") or ("5391146") or ("5419761") or ("5419761") or ("5419761") or ("5472017") or ("5472017") or ("5531686") or ("5531687") .FN.	USPAT; USOOR	OR	OFF	2010/02/27 17:31
S149	19	(("5611777") or ("5636634") or ("5676653") or ("5676653") or ("56706423") or ("5820591") or ("5827278") or ("5843020") or ("5845050") or ("58576373") or ("5876373") or ("5876373") or ("5897529") or	USPAT; USOOR	OR	OFF	2010/02/27 17:36

	***************************************	("5908405") or ("5916147") or ("5935102") or ("5938616") or ("6030360")).PN.	***************************************		***************************************	***************************************
S150	9	(("6059739") or ("6066125") or ("6083170") or ("6146355") or ("6213974") or ("6491681") or ("6544215") or ("6991616") or ("20060184107")).PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2010/02/27 17:38
S151	3	(("5255668") or ("6450948") or ("20080188801")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/27 17:39
S152	303	(604/95.01).COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/27 17:46
S153	5	(("6585717") or ("4723936") or ("5484407") or ("5472017") or ("5381782")).PN.	USPAT; USOCR	OR	OFF	2010/02/27 17:49
S154	273	(604/95.04).CCLS.	USPAT; USOCR	OR	OFF	2010/02/27 18:32
S155	5	(("6450948") or ("5848986") or ("5507725") or ("5472017") or ("5255668")).PN.	USPAT; USOCR	OR	OFF	2010/06/03 14:54
S156	1	("5472017").PN.	USPAT; USOCR	OR	OFF	2010/06/03 19:42
S157	1	("6544215").PN.	USPAT; USOCR	OR	OFF	2010/06/22 14:00
S158	1	("20080188800").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/22 14:02
S159	2	("2008/0188800").URPN.	USPAT	OR	OFF	2010/06/22 14:04
S160	1	("20080234660").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/23 16:03

\$161	39	("20020077590"   "20020177772"   "20040122360"   "2004012360"   "2004012360"   "20050038467"   "20050038467"   "2005003737"   "20050267461"   "2007005008"   "20070070679"   "4306029"   "4425919"   "4306029"   "5125896"   "5125895"   "5125896"   "5238005"   "5281217"   "5395328"   "5395329"   "5238005"   "5281217"   "5395328"   "5395329"   "5487757"   "5782828"   "5843031"   "5843152"   "5861024"   "5876340"   "5891138"   "5893884"   "5897554"   "5906605"   "5941471"   "6023638"   "6029091"   "6033403"   "6143013"   "6212426"   "6233477"   "6241727"   "6308090"   "6450948"   "6582536"   "6942661")   FN.	US-PCPUB; USPAT	OR	OFF	2010/06/23 16:06
\$162	72	("20020165534"   "20030109861"   "20030109861"   "20030135156"   "20030135199"   "20030181827"   "20030187389"   "20030233058"   "20030233058"   "20030233058"   "20030233058"   "200302336492"   "20030236492"   "20040116648"   "4986577"   "4896577"   "4896577"   "4921482"   "4896479"   "4996479"   "5108368"   "5199560"   "5199560"   "5203772"   "5254088"   "5336478"   "5336478"   "5336478"   "5336478"   "5336479"   "5399164"   "5482002"   "55956260"   "5562619"   "5579779"   "55662606"   "5579779"   "55662606"   "55797646"   "5891088"   "5891088"   "5891563"   "5891563"   "5891563"   "5891563"   "5891563"   "5895663"   "5891563"   "5895663"   "5891563"   "5895663"   "5891563"   "5895663"   "5891563"   "5895663"   "5891563"   "5895663"	US-PGPUB; USPAT	OR	OFF	2010/06/23 16:14

		"6004291"   "6064905"   "6066125"   "6128999"   "6146355"   "6138974"   "6203507"   "6251092"   "635916"   "6375029"   "6398776"   "6402719"   "6500167"   "6530897"   "6544215"   "6571131"   "6582536"   "6602242"   "6696796"   "616628"   "6696370"   "6706010"   "6783521"   "6976979"   "FE34695").FN.		***************************************		
S163	23	("4129129"   "4639252"   "4863441"   "4976688"   "522949"   "5269752"   "5360406"   "5405338"   "5423745"   "5704926"   "5765568"   "5964908"   "6807326"   "5964908"   "6030356"   "69642576"   "6146371"   "6152911"   "6197014"   "6319244"   "6440120"   "6447484"   "6544215").P.N.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/23 16:19
S164	3	("6976979").URPN.	USPAT	OR	OFF	2010/06/23 16:25
S165	1	("7731682").PN.	USPAT; USOCR	OR	OFF	2010/06/23 19:16
S166	5	("5378234"   "5462527"   "5624397"   "5891088"   "6027461").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/23 19:29
S167	29	("0033166"   "3470876"   "3521620"   "3547103"   "3605725"   "4236509"   "4456017"   "4676249"   "4719924"   "4723936"   "4758222"   "4815478"   "4880351"   "4886067"   "48965075"   "4894577"   "4940062"   "5024654"   "5084012"   "5108368"   "5176126"   "5195968"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/23 20:09
S168	31	("5378234").URPN.	USPAT	OR	OFF	2010/06/23 20:19
S169	6	("6530897").URPN.	USPAT	OR	OFF	2010/06/23 20:30

S170	457	(604/95.04).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/23 20:47
S171	8	("3470876"   "3485234"   "4409993"   "4456017"   "4586932"   "4677990"). FN.	US-PGPUB; USPAT; USOOR	OR	OFF	2010/06/23 20:56
S172	162	("4920980").URPN.	USPAT	OR	OFF	2010/06/23 20:57
S173	23	("4129129"   "4639252"   "4863441"   "4976688"   "522949"   "5269752"   "5360406"   "5405338"   "5423745"   "5704926"   "5765568"   "5769828"   "5807326"   "5984908"   "6030356"   "6042576"   "6146371"   "6152911"   "6197014"   "6319244"   "6440120"   "6447484"   "6544215" J.N.	US-PGPUB; USPAT; USOOR	OR	OFF	2010/06/24 10:18
S174	3	("6976979").URPN.	USPAT	OR	OFF	2010/06/24 10:24
S175	2	("5176660"   "5971975"). PN.	USPAT	OR	OFF	2010/06/24 10:45
S176	0	("2007/0010786").URPN.	USPAT	OR	OFF	2010/06/24 10:45
S177	14	("20040138744"   "20040153146"   "20060293646"   "20090082723"   "5437288"   "5438975"   "5477285"   "551677"   "5554118"   "5685868"   "5947925"   "6428489"   "6450948"   "7217246"). PN.	US-PGPUB; USPAT	OR	OFF	2010/06/24 10:52
S178	52	("20060209557"   "3892228"   "3470876"   "3892228"   "44719924"   "4898577"   "4921482"   "4985022"   "5108368"   "5203772"   "554088"   "5306182"   "5342299"   "5364351"   "5372687"   "5378234"   "5389073"   "5395328"   "5478330"   "5478330"   "55440407"   "5531686"   "553366"	US-PGPUB; USPAT	OR	OFF	2010/06/24 11:09

		"5588964"   "5656029"   "5792074"   "5797842"   "5803083"   "6876373"   "6027473"   "6030360"   "6033378"   "6120476"   "6123699"   "612649"   "6146355"   "6171277"   "6183463"   "6213974"   "6224587"   "6491681"   "6500167"   "6530913"   "6579279"   "6685718"   "6648875"   "6783510"   "6860876") .PN.				
S179	423	(604/524).OCLS.	US-PGPUB; USPAT; USOOR	OR	OFF	2010/06/24 12:39
S180	26	("20020007146"   "4994032"   "5014109"   "5156594"   "5163903"   "5176637"   "5290230"   "5338295"   "5364355"   "5405338"   "5423755"   "5405338"   "5423755"   "5470315"   "5505699"   "5603721"   "5728063"   "6340029"   "6315757"   "6340029"   "6355016"   "6500147"   "6629952"   "6695812"   "7179345"   "7294124").PN.	US-PGPUB; USPAT	OR	OFF	2010/06/24
S181	784	(604/528).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/24 14:15
S182	5	(("6450948") or ("5848986") or ("5507725") or ("5472017") or ("5255668")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/24 15:36
S183	6	(("6450948") or ("5848986") or ("5507725") or ("5472017") or ("5255668") or ("5378234")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/24 21:08
S184	2	(("4934340") or ("6554794")).PN.	USPAT; USOCR	OR	OFF	2010/06/24 22:06
S185	1	("5472017").PN.	USPAT; USOCR	OR	OFF	2010/08/12 09:59
S186	3	("20020058910"   "5848986"   "7695451"). PN.	US-PGPUB; USPAT	OR	OFF	2010/08/12 11:30

S187	2	("5378234"   "7731682"). PN.	US-PGPUB; USPAT	OR	OFF	2010/08/12 11:31
S188	3	(("6450948") or ("5378234") or ("4934340")).PN.	USPAT; USOCR	OR	OFF	2010/12/29 15:29
S189	1	("5588442").PN.	USPAT; USOCR	OR	OFF	2010/12/29 20:05
S190	49	("3358676"   "3674014"   "3722505"   "3611119"   "3961632"   "3941119"   "3961632"   "4054128"   "4077412"   "4134405"   "4162679"   "4244362"   "4249536"   "4315509"   "4766686"   "4671287"   "4784117"   "4784646"   "4790809"   "4762499"   "47864117"   "4784646"   "4790809"   "476469"   "4809713"   "4829999"   "4806742"   "4875489"   "492923"   "4932413"   "4922923"   "4932413"   "4944740"   "4947864"   "5035686"   "5020367"   "5035686"   "5040548"   "510323"   "5117838"   "5120323"   "5116694"   "5161534"   "5195535"   "5234407"   "5255690"   "5257666"   "5267958"   "52682478"   "5265746"   "5354282"   "54023"   "5362428"   "54023"   "814762129").PN.	US-PGPUB; USPAT; USOOR	OR	OFF	2010/12/29 20:08
S191	6	("5588442").URPN.	USPAT	OR	OFF	2010/12/29 20:14
S192	18	("3270641"   "3485237"   "3665928"   "3665928"   "3665928"   "3799151"   "4066070"   "4207872"   "4245624"   "4280500"   "4389208"   "4403985"   "447227"   "4563181"   "45623"   "4643720") .FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/29 20:17
S193	8	("3071161"   "3253524"   "3572325"   "3605725"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/29 20:25
S194	56	("3799151").URPN.	USPAT	OR	OFF	2010/12/29 20:26
S195	480	(604/95.04).COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/29 20:39

S196	8	("3470876"   "3485234"   "4409993"   "4456017"   "4586932"   "4677990"). FN.	US-PGPUB; USPAT; USOOR	OR	OFF	2010/12/29 21:11
S197	174	("4920980").URPN.	USPAT	OR	OFF	2010/12/29 21:12
S198	469	(604/95.04).COLS.	US-PGPUB; USPAT	OR	OFF	2010/12/29 21:37
S199	21	("3253524"   "3470876"   "3557780"   "3605725"   "3773034"   "3892228"   "4150676"   "4207873"   "4215703"   "4294233"   "4483236"   "4659195"   "4686963"   "4822345"   "5025804"   "5030204"). PN.		OR	OFF	2010/12/29 21:47

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